



SEQUENCE LISTING

<110> Hangauer Jr., David G.  
Marsilje, Thomas H.  
Milkiewicz, Karen L.

<120> A NOVEL METHOD FOR DESIGNING PROTEIN KINASE INHIBITORS

<130> 19226/931

<140> 09/482,585

<141> 2000-01-13

<150> 60/115,643

<151> 1999-01-13

<160> 7

<170> PatentIn Ver. 2.1

<210> 1

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: src substrate  
pentapeptide

<400> 1

Ile Tyr Gly Glu Phe

1

5

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<211> 5

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<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (2)

<223> Xaa in position 2 is modified Tyr.

<220>

<223> Description of Artificial Sequence: src  
pentapeptide scaffold

<400> 2  
Ile Xaa Gly Glu Phe  
1 5

<210> 3  
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<222> (4)  
<223> Xaa in position 4 is modified Ala.

<220>  
<223> Description of Artificial Sequence: PKA  
pentapeptide scaffold

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Arg Arg Gly Xaa Ile  
1 5

03  
cont  
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<220>  
<221> PEPTIDE  
<222> (4)  
<223> Xaa in position 4 is Ala or modified Ala.

<220>  
<223> Description of Artificial Sequence: Boronic  
acid-containing PKA inhibitor

<400> 4  
Arg Arg Gly Xaa Ile  
1 5

<210> 5  
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<212> PRT  
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<223> Description of Artificial Sequence: Kemptamide

<400> 5

Leu Arg Arg Ala Ser Leu Gly

1

5

<210> 6

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<212> PRT

<213> Artificial Sequence

<220>

<221> MOD\_RES

<222> (5)

<223> Xaa in position 5 is ALA; PHOSPHORYLATION

<220>

<223> Description of Artificial Sequence: Phosphorylated  
Kemptamide

<400> 6

Leu Arg Arg Ala Xaa Leu Gly

1

5

<210> 7

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<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
substrate for Src

<400> 7

Gly Ile Tyr Trp His His Tyr

1

5